

INTERNATIONAL SEARCH REPORT

onal Application No

, IB2004/052539

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G10L19/14 G10L19/08 G10L19/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G10L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X

Y DING ET AL: "Sinusoidal and residual decomposition and residual modeling of musical tones using the QUASAR signal model"

PROC. INTERNATIONAL COMPUTER MUSIC CONFERENCE, September 1997 (1997-09), pages 35-42, XP009042796 abstract

page 35, right-hand column, paragraph 2
page 38, last paragraph - page 40, paragraph 1
figures 4,5

1-22



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

° Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

19 January 2005

Date of mailing of the international search report

01/02/2005

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Int. Application No
PCT/IB2004/052539

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 298 322 B1 (LINDEMANN ERIC) 2 October 2001 (2001-10-02) column 4, line 19 - line 27 column 4, line 45 - line 52 column 7, line 1 - line 17 column 16, line 62 - column 17, line 40 -----	1-22
A	VERMA T S: "A perceptually based audio signal model with application to scalable audio compression" DISSERTATION SUBMITTED TO THE DEPARTMENT OF ELECTRICAL ENGINEERING AND THE COMMITTEE ON GRADUATE STUDIES OF STANFORD UNIVERSITY IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY, XX, XX, October 1999 (1999-10), page COMPLETE160, XP002270756 page 9, last paragraph - page 10, paragraph 2 page 53, paragraph 3 page 73, paragraph 3 page 83, paragraph 1 -----	1-22
A	SCHUIJERS E G P ET AL: "Advances in parametric coding for high-quality audio" PROC. IEEE BENELUX WORKSHOP ON MODEL BASED PROCESSING AND CODING OF AUDIO, MPCA 2002, LEUVEN, BELGIUM, 15 November 2002 (2002-11-15), pages 1-7, XP002314071 cited in the application page 3 -----	2-4,7, 11-16

9.

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Form PCT/ISA/210 (patent family annex) (January 2004)